

**ABSTRACT**

A system and method for wide angle imaging of body lumens are provided. The system comprises at least one imager and an optical system having a plurality of optical paths for imaging images from within the body lumen onto  
5 the at least one imager. The system may be incorporated in or attached onto a device that is configured to be inserted into and pass through body lumens such as an endoscope, a needle or a swallowable capsule.